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Summaries of light trap catches for the Maritimes 1976-1986

J.E. Hurley and F.A. Titus

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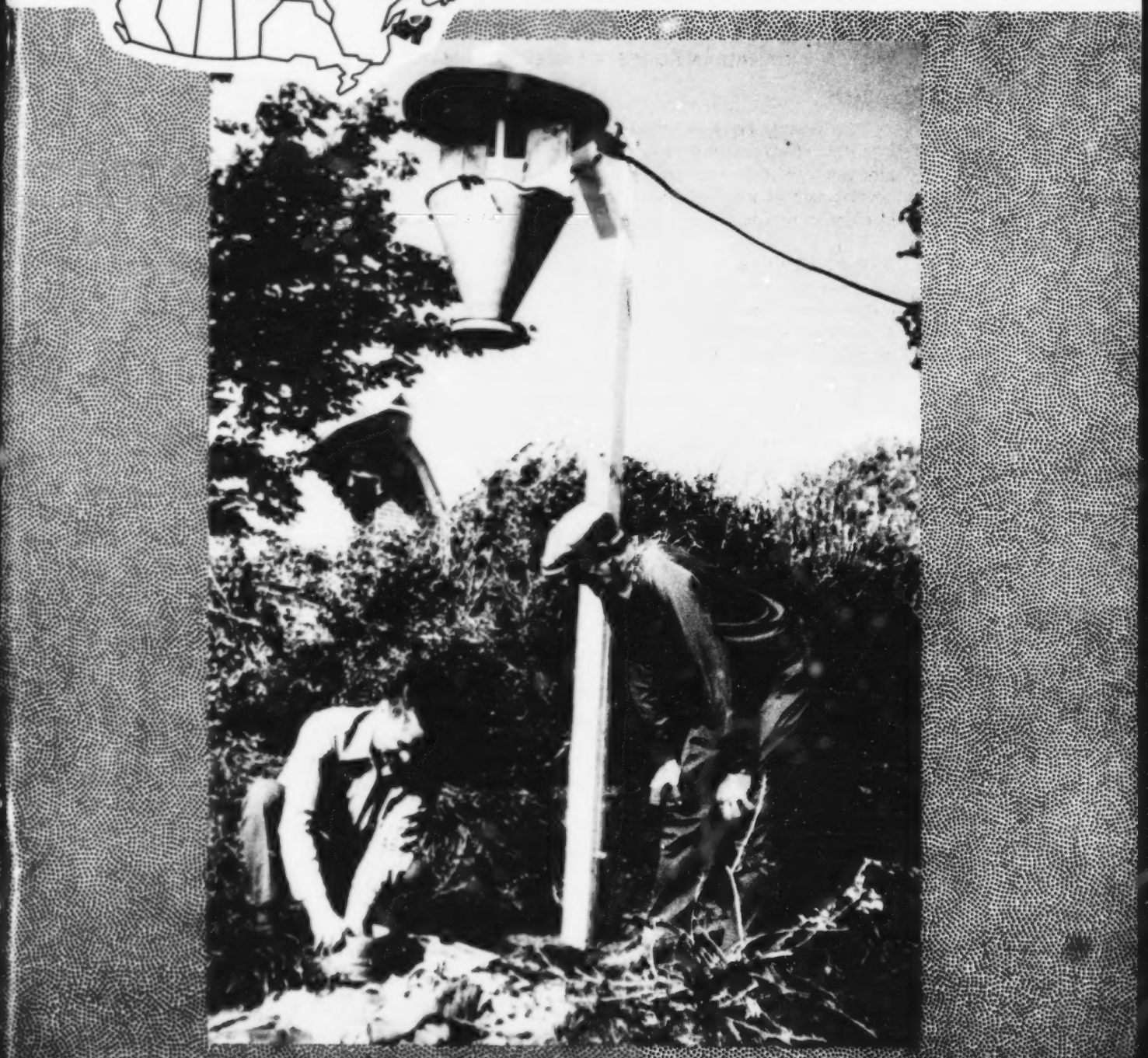
Canadian Forestry Service — Maritimes



CANADIAN FORESTRY SERVICE — MARITIMES

The Canadian Forestry Service - Maritimes is one of six regional establishments of the Canadian Forestry Service, within Agriculture Canada. The Centre conducts a program of work directed toward the solution of major forestry problems and the development of more effective forest management techniques for use in the Maritime Provinces.

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The forest resources development branch is responsible for development, implementation, and administration of joint federal/provincial forest resources development agreements in the three Maritime provinces, for the creation of employment opportunities in the development of the forest resources, and for providing economic information to landowners and decision-makers for identifying and evaluating forest management alternatives.

SUMMARY OF LIGHT TRAP CATCHES

FOR THE MARITIMES 1976-1986

by

J.E. Hurley and F.A. Titus

Government of Canada
Canadian Forestry Service - Maritimes
P.O. Box 4000, Fredericton, N.B. Canada E3B 5P7

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Abstract

This report lists light trap catches for 51 lepidopterous forest insects from 16 locations in the Maritimes from 1976 to 1986, inclusive.

Résumé

Ce rapport cite les prises de 51 espèces de lépidoptères forestiers capturés par pièges lumineux à 16 endroits dans les Maritimes, de 1976 à 1986 inclusivement.

Introduction

The Forest Insect and Disease Survey (FIDS) of the Canadian Forestry Service is responsible for monitoring forest conditions and disseminating the results of these surveys to concerned persons through various channels, including reports and publications. One system used to predict trends in population levels and distribution of forest insects that have a moth stage responsive to light, is through a network of strategically placed light traps.

This system evolved gradually over the years with many changes in trap size and shape, light source, locality, etc. Since 1976, a standard trap and light source (45 cm 15 watt cool white fluorescent tube) (Fig. 1) have been used. A few changes in locations have been necessary but these have been kept to a minimum.

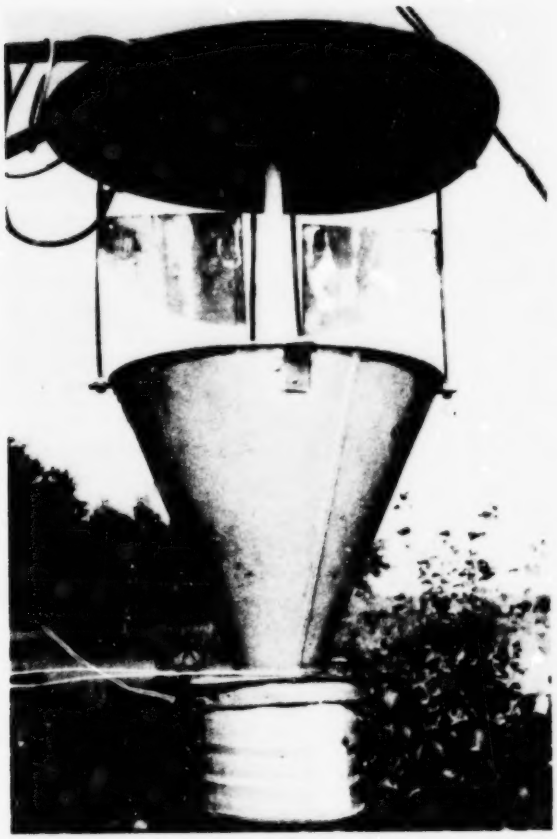

Figure 1. A light trap.

Operation of light traps

In conjunction with the Canadian Forestry Service, survey light traps have been operated by Parks Canada of the federal Department of Environment, New Brunswick Department of Natural Resources and Energy, Nova Scotia Department of Lands and Forests, Prince Edward Island Department of Energy and Forestry, forest industry, and private individuals. Since 1983, traps have been operated from late April to the end of November, until the ground is frozen for winter, or the first snowfall that stays on the ground, whichever occurs first. Before 1983, traps began operation between May 15 and June 1.

Each day, the operator of the trap places the catch in a storage-shipping box, and each week mails the box to the FIDS laboratory for insect identification.

Since 1976, 16 light traps have been operated at 21 locations in the Maritime Provinces (Fig. 2). The following are locations with years of operation:

Location	Years of Operation
New Brunswick	
Ashton Hill, Northumberland County	1976-1986
Balmoral, Restigouche County	1976-1986
Canterbury, York County	1976-1986
Fredericton, York County	1976-1986
Fundy National Park, Albert County	1976-1986
Mayfield, Charlotte County	1980-1986
Oak Bay, Charlotte County	1976-1979
Plaster Rock, Victoria County	1976-1986
Nova Scotia	
Big Intervale, Inverness County	1976-1986
Georgeville, Antigonish County	1976-1986
Kejimkujik National Park, Annapolis County	1976-1986
Lawrencetown, Annapolis County	1976-1986
Liverpool, Colchester County	1982-1986
Londonderry, Colchester County	1976-1986
Prince Edward Island	
Breadalbane, Queens County	1978-1986
Charlottetown, Queens County	1976-1977
Coleman, Prince County	1980-1985
Howlan, Prince County	1986
Kilmuir, Kings County	1986
Montague, Kings County	1976-1985
Wellington, Prince County	1976-1979

The species reported here represent nearly all of the species monitored. About half of these have been recorded on an intermittent basis because of their low numbers. One night's catch of 10 moths is the criterion for monitoring these infrequently occurring moth species. The following tables list the catches for each species by location for each year of operation. Light traps not in operation for a particular year are indicated with the abbreviation "N/O". Entries indicated as "-" show that a catch was not recorded for that year and location. The dash does not indicate a catch of zero but shows that numbers were so low the species was not recorded.

Acknowledgements

The authors wish to acknowledge the efforts of K.J. Harrison for his assistance with early drafts of this report, the student assistants who spent many hours in identifying and counting light trap catches and Kevin Hurley and Sue Martin for their valuable assistance with computing problems.

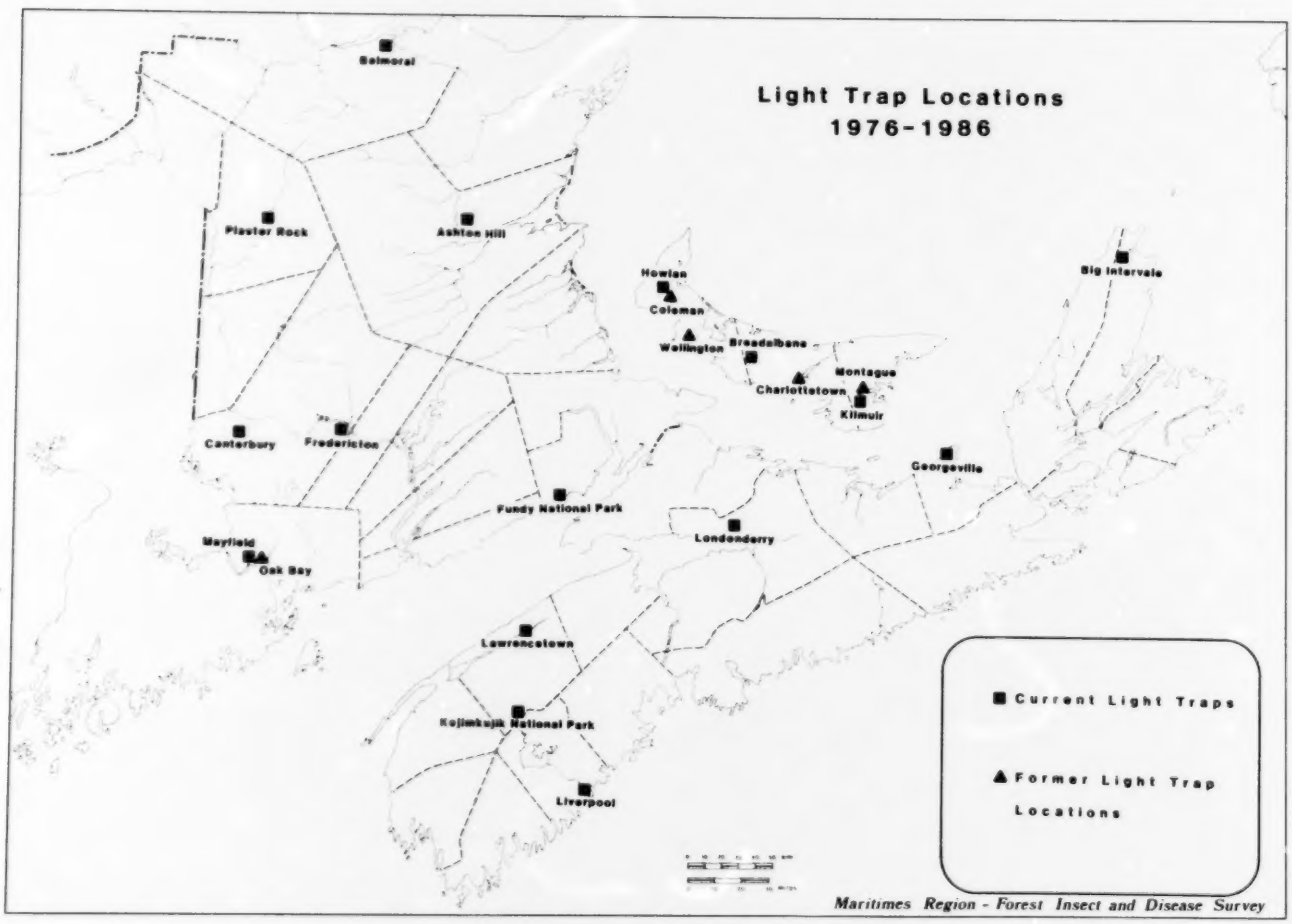

Figure 2. Light trap locations in the Maritimes.

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Caripeta divisata Wlk.	Gray spruce looper	10
Choristoneura conflictana (Wlk.)	Large aspen tortrix	11
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Choristoneura pinus Free.	Jack pine budworm	13
Choristoneura rosaceana (Harr.)	Obliquebanded leafroller	14
Cladara limitaria (Wlk.)	Yellowlined conifer looper	15
Crocigrapha normani (Grt.)	Climbing cherry cutworm	16
Croesia semipurpurana (Kft.)	Oak leaf shredder	17
Dasychira plagiata (Wlk.)	Northern pine tussock moth	18
Datana ministra (Drury)	Yellownecked caterpillar	19
Dioryctria reniculelloides Mut.& Mun.	Spruce coneworm	20
Dryocampa rubicunda rubicunda (F.)	Greenstriped mapleworm	21
Ectropis crepuscularia (D.& S.)	Saddleback looper	22
Ennomos magnaria Gn.	Maple spanworm	23
Epirrita autumnata henshawi (Swett)	November moth	24
Erannis tiliaria (Harr.)	Linden looper	25
Heterocampa guttivitta (Wlk.)	Saddled prominent	26
Hyphantria cunea (Dru.)	Fall webworm	27
Ipimorpha pleonectusa Grt.	Blackcheeked aspen caterpillar	28
Itame pustularia (Gn.)	Lesser maple spanworm	29
Lambdina fiscellaria fiscellaria (Gn.)	Hemlock looper	30
Leucoma salicis (L.)	Satin moth	31
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Malacosoma americanum (F.)	Eastern tent caterpillar	33
Malacosoma disstria Hbn.	Forest tent caterpillar	34
Nadata gibbosa (J.E. Smith)	Yellowlined caterpillar	35
Nematocampa limbata (Haw.)	Filament bearer	36
Nepytia canosaria (Wlk.)	False hemlock looper	37
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Operophtera spp.	Bruce spanworm and/or Winter moth	39
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Rhyacionia buoliana (D.& S.)	European pine shoot moth	47
Smerinthus cerisyi Kby.	Willow sphinx	48
Sparganothis acerivorana MacK.	Maple leafroller	49
Sparganothis reticulatana (Clem.)	Needletier	50
Spilosoma virginica (F.)	Yellow woollybear	51
Symmerista spp.	Orangehumped mapleworm and/or Redhumped oakworm	52
Thera juniperata (L.)	Juniper looper	53
Tolype laricis (Fitch)	Larch lappet moth	54
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Blackcheeked aspen caterpillar	*Ipimorpha pleonectusa Grt.*	28
Bruce spanworm	*Operophtera bruceata (Hlst.)*	38
Bruce spanworm and/or Winter moth	Operophtera spp.	39
Climbing cherry cutworm	Crocigrapha normani (Grt.)	16
Eastern tent caterpillar	Malacosoma americanum (F.)	33
European leafroller	Archips rosana (L.)	8
European pine shoot moth	Rhyacionia buoliana (D.& S.)	47
Fall cankerworm	Alsophila pometaria (Harr.)	5
Fall webworm	Hyphantria cunea (Dru.)	27
False hemlock looper	Nepytia canosaria (Wlk.)	37
False hornworm	Pheosia rimosa Pack.	44
Filament bearer	Nematocampa limbata (Haw.)	36
Forest tent caterpillar	Malacosoma disstria Hbn.	34
Fringed looper	*Campaea perlata (Gn.)*	9
Fruittree leafrollers	Archips argyrospila complex	6
Gray spruce looper	Caripeta divisata Wlk.	10
Greenstriped mapleworm	Dryocampa rubicunda rubicunda (F.)	21
Hemlock looper	Lambdina fiscellaria fiscellaria (Gn.)	30
Jack pine budworm	Choristoneura pinus Free.	13
Juniper looper	Thera juniperata (L.)	53
Larch lappet moth	Tolype laricis (Fitch)	54
Large aspen tortrix	Choristoneura conflictana (Wlk.)	11
Large maple spanworm	Prochoerodes transversata (Dru.)	45
Lesser maple spanworm	Itame pustularia (Gn.)	29
Linden looper	Erannis tiliaria (Harr.)	25
Maple leafroller	Sparganothis acerivorana MacK.	49
Maple spanworm	Ennomos magnaria Gn.	23
Needletier	Sparganothis reticulatana (Clem.)	50
Northern pine tussock moth	Dasychira plagiata (Wlk.)	18
Northern pitch twig moth	Petrova albicapitana (Busck)	43
November moth	Epirrita autumnata henshawi (Swett)	24
Oak leaf shredder	Croesia semipurpurana (Kft.)	17
Obliquebanded leafroller	Choristoneura rosaceana (Harr.)	14
Orangehumped mapleworm and/or Redhumped oakworm	*Symmerista spp.*	52
Saddleback looper	Ectropis crepuscularia (D.& S.)	22
Saddled prominent	Heterocampa guttivitta (Wlk.)	26
Satin moth	Leucoma salicis (L.)	31
Spotted aspen leafroller	Pseudosciaphila duplex (Wlshm.)	46
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Spruce budworm	Choristoneura fumiferana (Clem.)	12
Spruce coneworm	Dioryctria reniculelloides Mut.& Mun.	20
Uglynest caterpillar	Archips cerasivorana (Fitch)	7
Velleda lappet moth	Tolype velleda (Stoll)	55
Whitemarked tussock moth	Orgyia leucostigma (J.E. Smith)	40
Willow sphinx	Smerinthus cerisyi Kby.	48
Yellow woollybear	Spilosoma virginica (F.)	51
Yellowlined caterpillar	Nadata gibbosa (J.E. Smith)	35
Yellowlined conifer looper	Cladara limitaria (Wlk.)	15
Yellownecked caterpillar	Datana ministra (Drury)	19

Alsophila pometaria (Harr.) Fall cankerworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	103	0	15	8	8	21	111	19	147	53	6
BALMORAL	1	0	0	1	0	4	9	1	1	15	0
BIG INTERVALE	1	2	0	0	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	2	3	1	8	20	7	118	6	41
CANTERBURY	0	0	0	2	0	0	0	0	7	2	6
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	2	5	6	4	0	0	N/0
FREDERICTON	8	8	14	20	18	163	225	118	83	22	0
FUNDY NATIONAL PARK	38	16	8	2	1	5	34	20	79	26	19
GEORGEVILLE	0	7	3	3	4	0	6	0	0	1	4
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	16
KEJIMKUJIK NATIONAL PARK	1	0	50	0	0	85	235	0	0	0	0
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	187
LAWRENCETOWN	5	0	0	0	0	0	0	0	0	15	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	20	29	22	0
LONDONDERRY	5	1	2	0	3	3	10	8	5	19	8
MAYFIELD	N/0	N/0	N/0	N/0	0	3	1	1	7	4	0
MONTAGUE	1	6	4	4	2	9	28	35	107	223	N/0
OAK BAY	4	18	18	14	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	28	33	80	85	106	30	112	16	100	26	1
WELLINGTON	1	3	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Archips argyrospila complex Fruittree leafrollers

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	467	1220	389	2335	639	72	103	665	445	1393	63
BALMORAL	2	38	99	790	243	21	4	267	30	184	0
BIG INTERVALE	4	18	0	189	487	0	2	8	0	0	0
BREADALBANE	N/0	N/0	0	95	45	3	65	24	31	158	0
CANTERBURY	5	104	0	319	365	26	5	0	0	29	0
CHARLOTTETOWN	20	35	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	126	14	3	181	17	22	N/0
FREDERICTON	99	1834	584	767	595	248	323	386	0	126	82
FUNDY NATIONAL PARK	128	42	0	15	5	0	0	9	1	0	0
GEORGEVILLE	1	1	0	1	4	0	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	7	21	0	32	58	13	5	0	3	2	0
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
LAWRENCETOWN	0	1	0	3	1	0	3	3	0	3	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	14	0	2	0
LONDONDERRY	0	79	0	1	2	0	2	12	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	153	7	25	11	0	28	0
MONTAGUE	0	0	31	31	26	11	11	11	3	82	N/0
OAK BAY	4	170	17	482	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	56	555	778	2167	1691	121	735	3058	25	221	0
WELLINGTON	5	69	3	17	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Archips cerasivorana (Fitch) Uglynest caterpillar

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	6	0	0	2	3	0	23	-	-	-	-
BALMORAL	0	0	0	0	0	2	2	-	-	-	-
BIG INTERVALE	16	26	0	0	5	0	1	-	-	-	-
BREADALBANE	N/0	N/0	3	17	7	12	25	-	-	-	-
CANTERBURY	52	27	15	26	61	26	1	-	-	-	-
CHARLOTTETOWN	6	5	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	14	14	5	-	-	-	N/0
FREDERICTON	0	2	0	5	0	5	1	-	-	-	-
FUNDY NATIONAL PARK	0	0	0	1	2	0	6	-	-	-	-
GEORGEVILLE	42	43	0	0	6	0	4	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	0	0	0	7	0	1	0	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	1	1	1	16	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	6	-	-	-	-
LONDONDERRY	128	32	1	0	0	0	0	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	58	14	2	-	-	-	-
MONTAGUE	-	-	15	8	4	5	6	-	-	-	N/0
OAK BAY	90	167	73	54	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	2	0	0	0	2	0	7	-	-	-	-
WELLINGTON	-	-	0	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Archips rosana (L.) European leafroller

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	20	41	0	65	27	17	0	2	0	0	0
BALMORAL	0	6	0	0	4	3	6	0	0	0	0
BIG INTERVALE	1	8	0	1	0	0	0	3	0	0	0
BREADALBANE	N/0	N/0	0	233	118	51	0	72	0	0	0
CANTERBURY	0	5	0	4	0	0	2	1	0	0	0
CHARLOTTETOWN	0	17	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	11	68	1	201	0	0	N/0
FREDERICTON	246	1494	0	3394	3438	471	20	161	0	0	0
FUNDY NATIONAL PARK	0	0	0	11	8	1	0	0	0	0	0
GEORGEVILLE	0	5	0	3	5	1	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	2	28	0	17	10	4	1	0	0	0	0
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
LAWRENCETOWN	0	0	0	3	4	0	0	7	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	0	0
LONDONDERRY	6	25	0	3	3	0	1	1	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	5	10	0	0	0	0	0
MONTAGUE	0	0	0	70	40	55	0	65	0	0	N/0
OAK BAY	0	4	0	5	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	2	6	0	1	18	0	0	0	0	0	0
WELLINGTON	0	0	0	49	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Campaea perlata (Gn.) Fringed looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	22	20	3	6	0	2	19	-	-	-	-
BALMORAL	4	1	0	0	0	1	5	-	-	-	-
BIG INTERVALE	6	2	1	12	4	2	4	-	-	-	-
BREADALBANE	N/0	N/0	0	7	0	12	7	-	-	-	-
CANTERBURY	1	0	0	7	0	0	0	-	-	-	-
CHARLOTTETOWN	2	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	1	9	2	-	-	-	N/0
FREDERICTON	0	6	8	4	3	1	5	-	-	-	-
FUNDY NATIONAL PARK	18	5	0	4	0	0	3	-	-	-	-
GEORGEVILLE	0	0	0	0	0	0	1	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	82	43	39	139	0	114	103	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	2	4	5	5	2	1	1	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	3	-	-	-	-
LONDONDERRY	8	6	0	3	0	10	8	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	3	4	3	-	-	-	-
MONTAGUE	0	0	0	3	0	1	8	-	-	-	N/0
OAK BAY	0	0	0	9	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	14	6	0	7	0	0	13	-	-	-	-
WELLINGTON	0	0	0	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Caripeta divisata Wlk. Gray spruce looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	2	81	0	0	0	0	-	-	-	-	-
BALMORAL	0	6	0	1	0	0	-	-	-	-	-
BIG INTERVALE	0	4	0	5	1	0	-	-	-	-	-
BREADALBANE	N/0	N/0	0	5	0	0	-	-	-	-	-
CANTERBURY	0	1	0	4	0	0	-	-	-	-	-
CHARLOTTETOWN	0	6	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	-	-	-	-	N/0
FREDERICTON	0	10	0	0	0	0	-	-	-	-	-
FUNDY NATIONAL PARK	0	29	0	11	0	0	-	-	-	-	-
GEORGEVILLE	0	1	0	0	0	0	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	8	40	4	48	0	0	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	1	0	0	0	0	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	13	7	0	9	0	0	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	0	-	-	-	-	-
MONTAGUE	0	0	0	8	0	0	-	-	-	-	N/0
OAK BAY	1	1	0	4	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	2	49	0	10	0	0	-	-	-	-	-
WELLINGTON	-	1	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Choristoneura conflictana (Wlk.) Large aspen tortrix

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	127	98	47	30	5	0	0	10	0	0	3
BALMORAL	71	4	3	31	0	0	0	13	0	0	0
BIG INTERVALE	2	74	1	2	2	0	0	0	0	0	0
BREADALBANE	N/0	N/0	37	4	3	0	0	0	0	0	0
CANTERBURY	6	68	3	2	0	0	0	0	0	0	3
CHARLOTTETOWN	6	3	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	3	0	0	N/0
FREDERICTON	18	2	881	7	0	0	0	6	0	0	36
FUNDY NATIONAL PARK	1	3	2	0	6	0	0	0	0	0	78
GEORGEVILLE	3	4	2	1	0	0	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	6	1	1	2	1	0	0	0	0	0	3
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	9
LAWRENCETOWN	0	0	0	0	0	0	0	0	0	0	2
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	0	3
LONDONDERRY	1	4	8	0	0	0	0	0	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	0	0	0	1
MONTAGUE	1	7	28	4	0	0	0	8	0	0	N/0
OAK BAY	19	1	3	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	21	15	1	31	3	0	0	0	0	0	1
WELLINGTON	169	1	0	5	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Choristoneura fumiferana (Clem.) Spruce budworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	1293	5631	12130	2741	3222	5565	8781	18261	3549	2130	123
BALMORAL	3807	1505	2486	372	5653	532	18812	720	34	363	98
BIG INTERVALE	58203	22662	4781	30873	1103	845	798	39	31	0	6
BREADALBANE	N/0	N/0	10198	2128	4934	2897	9391	16554	1935	9163	3505
CANTERBURY	3602	3977	48051	498	5509	1336	651	73514	195	240	54
CHARLOTTETOWN	146	1319	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	439	477	213	4802	80	0	N/0
FREDERICTON	6295	3495	6604	2700	2456	4012	19995	2636	285	334	99
FUNDY NATIONAL PARK	11808	41671	7031	4865	3081	2265	36818	6106	4913	250	192
GEORGEVILLE	20	115	419	197	118	93	13	3	0	0	1
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	71
KEJIMKUJIK NATIONAL PARK	179	993	803	665	472	600	1791	508	63	30	78
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	10979
LAWRENCETOWN	5	44	273	580	739	114	87	762	0	0	2
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	847	168	10	6	9
LONDONDERRY	78	1098	334	161	50	36	82	62	0	11	2
MAYFIELD	N/0	N/0	N/0	N/0	4102	2265	1675	630	108	341	15
MONTAGUE	444	1041	1044	1123	960	1116	1004	1264	1595	1874	N/0
OAK BAY	436	2500	3938	2250	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	2938	7334	11890	5534	9597	12961	20549	13109	739	1064	317
WELLINGTON	63	2394	631	123	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Choristoneura pinus Free. Jack pine budworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	2	12	64	28	0	0	8	83	0	0	0
BALMORAL	0	1	3	1	0	0	2	13	0	0	0
BIG INTERVALE	0	1	2	0	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	3	0	0	0	0	7	0	0	0
CANTERBURY	0	0	0	0	0	0	0	30	0	0	0
CHARLOTTETOWN	0	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	8	0	0	N/0
FREDERICTON	620	2	63	9	0	0	3	42	0	0	1
FUNDY NATIONAL PARK	0	0	23	0	0	0	0	5	0	0	0
GEORGEVILLE	0	0	0	3	0	0	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	0	6	3	0	0	0	1	0	0	3	2
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
LAWRENCETOWN	0	0	0	0	0	0	0	7	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	3	6	0	12	6
LONDONDERRY	0	10	0	0	0	0	0	0	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	2	0	0	1	0	0	0
MONTAGUE	0	0	11	0	0	0	0	20	0	0	N/0
OAK BAY	0	0	2	19	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	1	0	0	0	0	0	14	6	0	11	0
WELLINGTON	0	0	10	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Choristoneura rosaceana (Harr.) Obliquebanded leafroller

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	743	2767	964	2211	1356	695	1065	1843	440	292	15
BALMORAL	55	79	36	84	123	37	581	26	13	9	2
BIG INTERVALE	23	23	24	209	22	8	16	2	2	0	0
BREADALBANE	N/0	N/0	840	457	425	277	531	642	500	1179	450
CANTERBURY	22	82	216	97	134	17	75	250	55	37	17
CHARLOTTETOWN	9	35	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	99	124	27	154	44	0	N/0
FREDERICTON	293	384	959	744	898	595	2699	950	187	142	42
FUNDY NATIONAL PARK	803	129	114	170	55	68	2067	147	56	33	17
GEORGEVILLE	7	13	8	13	23	4	1	2	5	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	9
KEJIMKUJIK NATIONAL PARK	11	49	41	47	41	15	103	55	28	60	2
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	504
LAWRENCETOWN	0	7	14	36	26	11	17	12	14	12	1
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	3	4	0	1	0
LONDONDERRY	15	53	18	24	15	4	15	1	7	8	5
MAYFIELD	N/0	N/0	N/0	N/0	587	165	287	89	31	27	5
MONTAGUE	272	217	218	181	205	279	128	194	190	574	N/0
OAK BAY	281	483	372	983	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	340	513	934	2241	1138	607	1891	2492	305	251	87
WELLINGTON	14	65	39	48	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Cladara limitaria (Wlk.) Yellowlined conifer looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	-	-	-	-	0	0	0	73	1	-	-
BALMORAL	-	-	-	-	0	0	2	1	0	-	-
BIG INTERVALE	-	-	-	-	2	0	0	71	1	-	-
BREADALBANE	N/0	N/0	-	-	0	0	2	4	0	-	-
CANTERBURY	-	-	-	-	2	3	2	4	0	-	-
CHARLOTTETOWN	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	-	N/0
FREDERICTON	-	-	-	-	69	12	16	19	0	-	-
FUNDY NATIONAL PARK	-	-	-	-	5	5	17	43	3	-	-
GEORGEVILLE	-	-	-	-	0	0	0	5	0	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	-	-	-	-	0	4	49	28	1	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	-	-	-	-	0	0	0	0	1	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	7	2	2	-	-
LONDONDERRY	-	-	-	-	0	0	0	2	0	-	-
MAYFIELD	N/0	N/0	N/0	N/0	2	11	7	6	3	-	-
MONTAGUE	-	-	-	-	0	0	0	0	1	-	N/0
OAK BAY	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	-	-	-	-	184	16	111	150	15	-	-
WELLINGTON	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Crocigrapha normani (Grt.) Climbing cherry cutworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	32	0	0	0	11	0	0	67	-	-	-
BALMORAL	26	1	0	4	0	0	0	0	-	-	-
BIG INTERVALE	2	6	0	0	9	0	0	51	-	-	-
BREADALBANE	N/0	N/0	0	8	0	0	0	5	-	-	-
CANTERBURY	9	2	5	160	0	0	0	3	-	-	-
CHARLOTTETOWN	1	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	1	0	0	1	-	-	N/0
FREDERICTON	4	1	1	1	0	0	0	1	-	-	-
FUNDY NATIONAL PARK	9	2	0	0	3	0	0	2	-	-	-
GEORGEVILLE	2	0	0	0	0	0	0	6	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	16	0	2	0	0	0	0	7	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	1	0	1	0	0	0	0	0	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	1	-	-	-
LONDONDERRY	46	31	0	0	1	0	0	7	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	4	-	-	-
MONTAGUE	0	0	0	1	0	0	0	0	-	-	N/0
OAK BAY	14	5	5	8	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	4	1	0	4	1	0	0	31	-	-	-
WELLINGTON	3	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Croesia semipurpurana (Kft.) Oak leaf shredder

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	15	6	15	0	15	7	53	0	25	0	3
BALMORAL	1	0	6	0	2	1	8	1	5	0	0
BIG INTERVALE	2	0	9	1	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	78	2	119	31	70	14	38	130	65
CANTERBURY	0	0	31	0	5	0	0	0	4	0	0
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	9	0	7	0	N/0
FREDERICTON	76	578	1545	943	246	662	824	216	8	135	34
FUNDY NATIONAL PARK	4	0	8	1	4	2	2	0	8	0	0
GEORGEVILLE	0	1	7	0	2	2	0	0	4	0	1
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	1
KEJIMKUJIK NATIONAL PARK	0	0	17	6	17	8	27	16	13	11	3
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	3
LAWRENCETOWN	0	0	1	0	1	1	33	2	8	5	5
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	1	1	0	0	0
LONDONDERRY	30	2	60	0	14	0	13	0	9	0	5
MAYFIELD	N/0	N/0	N/0	N/0	21	0	21	0	17	5	2
MONTAGUE	7	0	56	0	5	26	15	0	34	28	N/0
OAK BAY	2	0	9	3	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	21	4	173	2	46	15	92	0	44	30	21
WELLINGTON	0	0	6	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Dasychira plagiata (Wlk.) Northern pine tussock moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	0	0	0	0	0	0	0	-	-	-
BALMORAL	2	0	0	0	0	0	0	0	-	-	-
BIG INTERVALE	0	0	0	0	6	0	0	0	-	-	-
BREADALBANE	N/0	N/0	0	0	0	0	0	0	-	-	-
CANTERBURY	2	0	0	0	0	0	0	0	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	0	N/0
FREDERICTON	0	0	0	0	0	0	0	0	-	-	-
FUNDY NATIONAL PARK	0	0	0	0	-	-	0	0	-	-	-
GEORGEVILLE	0	0	0	0	0	0	0	1	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	0	0	0	0	4	0	0	1	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	0	0	0	0	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	17	-	-	-
LONDONDERRY	1	0	0	0	0	0	0	5	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	4	-	-	-
MONTAGUE	0	0	0	0	0	0	0	3	-	-	N/0
OAK BAY	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	0	0	3	-	-	-
WELLINGTON	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Datana ministra (Drury) Yellownecked caterpillar

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	0	0	0	0	0	0	0	0	0	0
BALMORAL	0	0	0	0	0	0	0	0	0	0	0
BIG INTERVALE	0	0	0	1	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	0	0	0	0	0	0	0	0	0
CANTERBURY	4	4	0	1	1	0	0	0	0	0	0
CHARLOTTETOWN	0	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	0	N/0
FREDERICTON	1	0	0	0	0	0	0	0	0	0	0
FUNDY NATIONAL PARK	0	0	0	0	0	0	0	0	0	0	0
GEORGEVILLE	0	8	2	2	1	0	0	0	1	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	77	78	50	34	11	5	14	2	7	0	9
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
LAWRENCETOWN	2	8	0	2	2	0	1	0	0	0	2
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	2	22	4	0	12
LONDONDERRY	24	3	3	0	0	2	2	0	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	0	0	0	2
MONTAGUE	0	2	3	0	0	0	0	1	0	0	N/0
OAK BAY	9	4	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	1	0	0	0	0	0	0	0	0
WELLINGTON	1	1	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Dioryctria reniculelloides Mut.& Mun. Spruce coneworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	272	269	0	324	144	129	37	686	1193	100	1
BALMORAL	13	11	0	22	5	10	6	5	6	14	0
BIG INTERVALE	1442	3408	0	370	37	11	28	8	1	6	2
BREADALBANE	N/0	N/0	0	303	520	372	437	355	265	615	433
CANTERBURY	54	53	0	83	88	4	30	68	34	57	4
CHARLOTTETOWN	19	102	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	17	5	1	6	13	2	N/0
FREDERICTON	54	74	0	92	28	51	116	171	95	38	10
FUNDY NATIONAL PARK	126	86	0	83	21	24	105	158	87	33	12
GEORGEVILLE	9	32	0	3	1	2	0	1	4	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	6
KEJIMKUJIK NATIONAL PARK	26	27	0	33	9	27	59	106	37	7	4
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	231
LAWRENCETOWN	4	0	0	9	4	1	11	7	1	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	24	171	12	3	0
LONDONDERRY	169	171	0	5	7	1	2	4	3	5	1
MAYFIELD	N/0	N/0	N/0	N/0	93	38	23	28	56	16	4
MONTAGUE	253	107	0	93	78	124	32	27	45	45	N/0
OAK BAY	112	21	0	89	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	261	223	0	380	387	415	419	492	297	89	6
WELLINGTON	108	30	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Dryocampa rubicunda rubicunda (F.) Greenstriped mapleworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	1	1	7	4	3	2	1	0	0	2	3
BALMORAL	0	1	1	0	0	0	0	0	0	0	0
BIG INTERVALE	1	1	1	0	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	10	1	2	1	2	1	0	0	2
CANTERBURY	154	183	517	240	103	160	59	22	36	28	1
CHARLOTTETOWN	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	1	5	0	0	0	1	N/0
FREDERICTON	0	0	0	0	1	0	0	0	1	0	0
FUNDY NATIONAL PARK	1	0	0	0	0	0	0	0	0	0	0
GEORGEVILLE	7	8	6	6	1	2	1	0	0	1	5
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	276	126	89	73	20	16	15	3	1	10	12
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	2
LAWRENCETOWN	1	1	1	1	1	0	0	0	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	3	7
LONDONDERRY	190	64	65	28	3	1	0	4	0	1	0
MAYFIELD	N/0	N/0	N/0	N/0	10	24	9	0	1	2	3
MONTAGUE	12	5	8	4	2	0	0	0	1	0	N/0
OAK BAY	38	67	54	74	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	0	0	0	0	0	0
WELLINGTON	21	20	13	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Ectropis crepuscularia (D.& S.) Saddleback looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	-	-	-	-	0	0	0	1	0	-	-
BALMORAL	-	-	-	-	0	0	0	0	0	-	-
BIG INTERVALE	-	-	-	-	0	4	0	0	0	-	-
BREADALBANE	N/0	N/0	-	-	0	5	1	1	0	-	-
CANTERBURY	-	-	-	-	0	0	1	0	0	-	-
CHARLOTTETOWN	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	3	0	1	0	-	N/0
FREDERICTON	-	-	-	-	1	6	6	0	0	-	-
FUNDY NATIONAL PARK	-	-	-	-	0	3	1	0	0	-	-
GEORGEVILLE	-	-	-	-	0	0	0	0	0	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	-	-	-	-	7	16	44	9	0	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	-	-	-	-	0	0	0	0	0	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	3	1	0	-	-
LONDONDERRY	-	-	-	-	0	1	0	1	0	-	-
MAYFIELD	N/0	N/0	N/0	N/0	1	2	1	0	0	-	-
MONTAGUE	-	-	-	-	0	1	1	1	0	-	N/0
OAK BAY	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	-	-	-	-	8	5	19	0	0	-	-
WELLINGTON	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Ennomos magnaria Gn. Maple spanworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	5	2	4	1	1	4	16	-	-	-	-
BALMORAL	0	0	0	0	1	0	0	-	-	-	-
BIG INTERVALE	77	28	83	25	4	19	67	-	-	-	-
BREADALBANE	N/0	N/0	51	39	15	18	16	-	-	-	-
CANTERBURY	2	0	4	1	1	1	0	-	-	-	-
CHARLOTTETOWN	0	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	6	44	17	-	-	-	N/0
FREDERICTON	0	0	0	0	0	0	0	-	-	-	-
FUNDY NATIONAL PARK	13	1	0	0	0	1	4	-	-	-	-
GEORGEVILLE	24	7	45	16	17	9	8	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	51	31	32	5	16	29	26	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	1	0	0	0	5	3	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	10	-	-	-	-
LONDONDERRY	11	2	14	9	3	11	7	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	5	2	9	-	-	-	-
MONTAGUE	6	2	3	3	3	6	6	-	-	-	N/0
OAK BAY	4	2	4	5	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	0	0	-	-	-	-
WELLINGTON	15	3	2	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Epirrita autumnata henshawi (Swett) November moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	-	-	-	-	1	0	1	0	0	-	-
BALMORAL	-	-	-	-	0	1	8	0	0	-	-
BIG INTERVALE	-	-	-	-	7	4	8	0	0	-	-
BREADALBANE	N/0	N/0	-	-	20	17	12	17	0	-	-
CANTERBURY	-	-	-	-	0	0	0	0	0	-	-
CHARLOTTETOWN	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	1	1	0	2	0	-	N/0
FREDERICTON	-	-	-	-	0	0	0	0	0	-	-
FUNDY NATIONAL PARK	-	-	-	-	16	44	80	18	0	-	-
GEORGEVILLE	-	-	-	-	0	5	8	0	0	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	-	-	-	-	114	157	105	0	0	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	-	-	-	-	0	1	0	0	0	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	1	0	0	-	-
LONDONDERRY	-	-	-	-	0	2	1	0	0	-	-
MAYFIELD	N/0	N/0	N/0	N/0	1	5	2	0	0	-	-
MONTAGUE	-	-	-	-	0	2	2	0	0	-	N/0
OAK BAY	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	-	-	-	-	10	6	58	36	0	-	-
WELLINGTON	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Erannis tiliaria (Harr.) Linden looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	-	-	-	-	0	0	0	0	0	-	-
BALMORAL	-	-	-	-	0	0	4	0	0	-	-
BIG INTERVALE	-	-	-	-	0	0	0	0	0	-	-
BREADALBANE	N/0	N/0	-	-	0	0	0	0	0	-	-
CANTERBURY	-	-	-	-	0	0	0	0	0	-	-
CHARLOTTETOWN	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	-	N/0
FREDERICTON	-	-	-	-	0	0	0	0	0	-	-
FUNDY NATIONAL PARK	-	-	-	-	10	4	50	26	0	-	-
GEORGEVILLE	-	-	-	-	0	0	0	0	0	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	-	-	-	-	0	0	0	0	0	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	-	-	-	-	0	0	0	0	0	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	-	-
LONDONDERRY	-	-	-	-	0	0	0	0	0	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	1	0	0	0	-	-
MONTAGUE	-	-	-	-	0	0	0	0	0	-	N/0
OAK BAY	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	-	-	-	-	0	0	0	0	0	-	-
WELLINGTON	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Heterocampa guttivitta (Wlk.) Saddled prominent

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	17	24	1	0	0	0	2	0	0	0	0
BALMORAL	23	1	0	2	0	0	1	0	0	0	0
BIG INTERVALE	1	23	0	8	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	10	7	1	0	0	0	0	0	0
CANTERBURY	141	58	18	0	0	0	0	0	0	0	0
CHARLOTTETOWN	0	4	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	0	N/0
FREDERICTON	11	4	0	1	0	0	0	0	0	0	0
FUNDY NATIONAL PARK	202	5	3	0	0	0	2	0	0	0	0
GEORGEVILLE	3	0	0	0	0	0	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	36	8	11	13	1	0	11	0	0	0	0
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
LAWRENCETOWN	2	1	0	0	0	0	0	0	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	6	0	0	0	0
LONDONDERRY	116	1	1	0	0	0	2	0	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	0	0	1	0	0	0	0
MONTAGUE	1	1	2	0	1	0	1	0	0	0	N/0
OAK BAY	77	50	5	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	14	2	0	1	0	0	3	0	0	0	0
WELLINGTON	0	1	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Hyphantria cunea (Dru.) Fall webworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	15	0	4	1	0	1	0	0	0	0	0
BALMORAL	0	1	1	0	0	0	0	0	0	0	0
BIG INTERVALE	16	233	13	10	0	0	0	0	0	5	0
BREADALBANE	N/0	N/0	209	279	4	1	0	11	0	2	2
CANTERBURY	28	7	0	0	0	0	0	1	0	0	0
CHARLOTTETOWN	6	10	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	6	0	6	0	0	N/0
FREDERICTON	0	0	0	0	0	0	0	0	0	0	0
FUNDY NATIONAL PARK	135	42	7	2	0	0	0	0	0	0	0
GEORGEVILLE	52	27	51	35	0	0	0	0	0	7	2
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	3
KEJIMKUJIK NATIONAL PARK	52	65	87	54	0	0	0	0	0	33	11
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	43
LAWRENCETOWN	22	99	9	4	0	0	0	0	0	1	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	13	0	226	270
LONDONDERRY	545	205	13	15	0	0	0	0	0	9	0
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	0	0	0	1
MONTAGUE	13	31	4	6	0	0	0	2	0	8	N/0
OAK BAY	15	4	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	0	0	0	0	0	0
WELLINGTON	42	42	5	6	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Ipimorpha pleonectusa Grt. Blackcheeked aspen caterpillar

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	36	22	0	19	12	9	92	-	-	-	-
BALMORAL	2	1	0	0	1	1	4	-	-	-	-
BIG INTERVALE	0	2	0	0	0	0	0	-	-	-	-
BREADALBANE	N/0	N/0	0	6	13	10	2	-	-	-	-
CANTERBURY	0	0	0	2	0	1	0	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	1	1	2	-	-	-	N/0
FREDERICTON	0	1	0	2	0	1	1	-	-	-	-
FUNDY NATIONAL PARK	0	0	0	2	1	0	10	-	-	-	-
GEORGEVILLE	0	0	0	2	3	1	0	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	0	0	0	0	6	2	5	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	0	0	0	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	-	-	-	-
LONDONDERRY	2	3	0	4	13	10	11	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	4	8	3	-	-	-	-
MONTAGUE	0	0	0	4	7	6	3	-	-	-	N/0
OAK BAY	0	0	0	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	3	2	0	3	6	1	12	-	-	-	-
WELLINGTON	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Itame pustularia (Gn.) Lesser maple spanworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	1093	44	27	44	157	723	1009	9926	32597	782	2
BALMORAL	42	2	0	1	1	7	9	529	397	4	0
BIG INTERVALE	40	33	12	93	14	10	30	117	26	5	1
BREADALBANE	N/0	N/0	8	19	47	28	126	348	1051	210	25
CANTERBURY	3	0	0	3	98	3	30	151	97	19	0
CHARLOTTETOWN	11	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	11	14	9	127	950	34	N/0
FREDERICTON	6	0	9	17	95	130	365	710	73	11	0
FUNDY NATIONAL PARK	16	0	4	6	1	9	45	250	65	10	2
GEORGEVILLE	0	0	7	4	40	61	27	1	36	3	1
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	3
KEJIMKUJIK NATIONAL PARK	760	767	1256	662	506	364	716	1012	1325	850	411
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	3
LAWRENCETOWN	1	1	2	20	26	5	4	19	16	4	8
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	88	463	693	149	58
LONDONDERRY	49	18	18	18	43	66	56	75	53	19	9
MAYFIELD	N/0	N/0	N/0	N/0	159	90	102	84	152	36	3
MONTAGUE	5	0	0	1	35	39	14	39	60	23	N/0
OAK BAY	10	0	0	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	147	21	5	115	214	217	384	453	168	45	8
WELLINGTON	9	1	4	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Lambdina fiscellaria fiscellaria (Gn.) Hemlock looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	1	0	0	1	0	0	0	0	0	0	0
BALMORAL	0	0	0	0	0	1	0	0	1	0	0
BIG INTERVALE	15	21	17	118	14	19	3	0	0	2	0
BREADALBANE	N/0	N/0	52	18	12	7	4	7	25	150	134
CANTERBURY	1	0	0	0	0	0	0	0	0	0	1
CHARLOTTETOWN	2	30	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	1	0	1	0	7	N/0
FREDERICTON	0	0	0	0	0	0	0	0	0	0	0
FUNDY NATIONAL PARK	23	8	13	37	41	46	171	163	125	115	26
GEORGEVILLE	4	0	2	0	0	0	0	5	12	1	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	11
KEJIMKUJIK NATIONAL PARK	87	37	73	41	159	92	304	277	259	171	39
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	111
LAWRENCETOWN	0	0	0	0	0	0	1	1	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	13	14	26	27	4
LONDONDERRY	2	5	0	3	4	5	9	11	21	31	20
MAYFIELD	N/0	N/0	N/0	N/0	1	0	0	0	0	1	5
MONTAGUE	0	7	0	1	0	0	0	2	3	4	N/0
OAK BAY	5	0	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	1	3	5	4	1	3	11
WELLINGTON	1	4	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Leucoma salicis (L.) Satin moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	132	112	54	101	76	35	103	1614	1217	76	15
BALMORAL	1	5	3	3	4	4	31	27	63	12	5
BIG INTERVALE	13	2	2	0	5	0	11	15	7	0	6
BREADALBANE	N/0	N/0	5	4	18	4	90	48	8	6	5
CANTERBURY	0	5	2	3	2	4	7	47	12	4	2
CHARLOTTETOWN	2	6	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	93	124	161	1385	55	1	N/0
FREDERICTON	0	1	4	8	1	1	28	21	0	2	8
FUNDY NATIONAL PARK	2	7	5	6	8	9	106	201	8	4	2
GEORGEVILLE	6	1	0	0	2	0	3	0	7	1	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	36
KEJIMKUJIK NATIONAL PARK	2	0	0	0	0	0	2	0	0	0	0
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	15
LAWRENCETOWN	0	0	0	0	0	0	5	3	17	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	0	0
LONDONDERRY	2	0	1	2	1	2	25	26	21	16	3
MAYFIELD	N/0	N/0	N/0	N/0	13	31	45	32	2	1	0
MONTAGUE	1	0	1	1	1	0	0	0	4	0	N/0
OAK BAY	1	4	0	3	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	1	13	21	43	86	4	2	0
WELLINGTON	1	2	0	4	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Lophocampa maculata Harr. Spotted tussock moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	14	10	0	2	0	4	-	-	-	-	-
BALMORAL	27	9	0	0	0	0	-	-	-	-	-
BIG INTERVALE	51	54	13	23	0	2	-	-	-	-	-
BREADALBANE	N/0	N/0	179	232	66	58	-	-	-	-	-
CANTERBURY	52	8	0	3	0	6	-	-	-	-	-
CHARLOTTETOWN	1	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	41	28	-	-	-	-	N/0
FREDERICTON	0	0	0	0	0	0	-	-	-	-	-
FUNDY NATIONAL PARK	15	9	14	2	0	0	-	-	-	-	-
GEORGEVILLE	57	21	0	27	0	20	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	15	25	0	31	0	5	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	9	6	0	1	0	1	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	149	7	2	6	0	3	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	18	-	-	-	-	-
MONTAGUE	6	9	0	14	0	6	-	-	-	-	N/0
OAK BAY	34	8	0	10	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	159	11	0	1	0	1	-	-	-	-	-
WELLINGTON	23	29	12	13	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Malacosoma americanum (F.) Eastern tent caterpillar

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	14	0	85	1	8	1	10	0	2	1	4
BALMORAL	0	0	5	0	1	0	0	0	0	0	0
BIG INTERVALE	0	1	21	0	0	0	1	0	5	0	0
BREADALBANE	N/0	N/0	15	46	33	52	61	56	40	10	5
CANTERBURY	8	21	63	101	178	4	124	197	55	38	119
CHARLOTTETOWN	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	36	85	173	302	68	7	N/0
FREDERICTON	0	5	169	83	290	105	128	48	3	6	3
FUNDY NATIONAL PARK	6	0	4	3	4	15	46	83	3	0	0
GEORGEVILLE	3	5	11	18	17	39	11	27	82	15	19
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	5
KEJIMKUJIK NATIONAL PARK	4	2	34	12	23	31	44	28	15	17	5
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	1
LAWRENCETOWN	1	1	6	10	10	6	37	105	293	16	1
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	4	1	0	1	0
LONDONDERRY	1	4	10	6	32	25	40	43	26	4	4
MAYFIELD	N/0	N/0	N/0	N/0	1734	1013	254	74	18	6	10
MONTAGUE	28	27	40	21	21	8	6	9	23	7	N/0
OAK BAY	40	62	135	398	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	10	3	13	1	5	5	0	0	0
WELLINGTON	8	9	34	29	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Malacosoma disstria Hbn. Forest tent caterpillar

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	57	158	73	855	3372	1107	1290	745	185	141	29
BALMORAL	5	6	5	16	110	12	40	2	0	0	0
BIG INTERVALE	140	140	98	25	78	338	1793	53	163	14	1
BREADALBANE	N/0	N/0	50	118	618	597	2706	1475	271	31	11
CANTERBURY	14	82	37	159	3094	2708	2151	1385	24	3	4
CHARLOTTETOWN	14	22	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	470	758	1873	5286	175	2	N/0
FREDERICTON	38	276	103	587	2294	5462	6637	1540	26	8	2
FUNDY NATIONAL PARK	16	22	15	69	818	2368	6613	7243	134	8	1
GEORGEVILLE	17	13	26	70	126	357	151	170	82	59	18
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	2
KEJIMKUJIK NATIONAL PARK	13	90	52	248	171	727	507	260	34	29	1
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	22
LAWRENCETOWN	2	2	6	17	50	725	950	2976	834	18	1
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	196	233	24	1	0
LONDONDERRY	45	49	40	123	515	1883	1018	1696	660	212	10
MAYFIELD	N/0	N/0	N/0	N/0	2853	1974	6367	2086	55	30	6
MONTAGUE	16	40	13	36	153	811	320	208	138	52	N/0
OAK BAY	33	115	77	353	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	9	42	350	7114	2103	1195	264	3	4	0
WELLINGTON	34	169	77	108	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Nadata gibbosa (J.E. Smith) Yellowlined caterpillar

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	9	11	0	1	-	-	-	-	-	-	-
BALMORAL	1	1	0	0	-	-	-	-	-	-	-
BIG INTERVALE	13	28	3	2	-	-	-	-	-	-	-
BREADALBANE	N/0	N/0	3	14	-	-	-	-	-	-	-
CANTERBURY	0	1	0	0	-	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	-	-	-	-	-	-	N/0
FREDERICTON	0	0	0	0	-	-	-	-	-	-	-
FUNDY NATIONAL PARK	78	6	1	2	-	-	-	-	-	-	-
GEORGEVILLE	1	0	0	1	-	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	34	37	9	30	-	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	-	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	3	9	5	17	-	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	-	-	-	-	-	-	-
MONTAGUE	0	1	0	0	-	-	-	-	-	-	N/0
OAK BAY	11	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	5	1	0	1	-	-	-	-	-	-	-
WELLINGTON	1	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Nematocampa limbata (Haw.) Filament bearer

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	2	0	0	20	4	71	105	0	51	1	0
BALMORAL	3	0	1	0	1	0	0	0	0	0	0
BIG INTERVALE	13	0	0	5	0	1	1	0	0	0	0
BREADALBANE	N/0	N/0	0	3	3	6	4	1	2	6	0
CANTERBURY	2	0	0	0	0	0	5	0	3	0	0
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	8	4	1	0	0	0	N/0
FREDERICTON	0	0	0	23	13	85	41	41	1	0	0
FUNDY NATIONAL PARK	120	1	7	2	4	1	1	4	1	0	0
GEORGEVILLE	1	0	1	1	0	0	5	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	23	1	6	23	0	54	49	0	82	141	46
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
LAWRENCETOWN	0	0	0	0	0	0	0	0	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	0	0
LONDONDERRY	5	3	2	0	0	2	2	0	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	0	33	36	0	0	0	0
MONTAGUE	7	0	2	1	0	8	4	0	0	4	N/0
OAK BAY	43	0	2	49	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	387	0	0	169	101	405	652	261	146	16	0
WELLINGTON	4	0	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Nepytia canosaria (Wlk.) False hemlock looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	-	-	-	-	0	0	0	0	0	-	-
BALMORAL	-	-	-	-	0	0	0	0	0	-	-
BIG INTERVALE	-	-	-	-	0	0	0	0	0	-	-
BREADALBANE	N/0	N/0	-	-	0	0	0	0	0	-	-
CANTERBURY	-	-	-	-	0	0	0	0	0	-	-
CHARLOTTETOWN	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	-	N/0
FREDERICTON	-	-	-	-	0	0	0	0	0	-	-
FUNDY NATIONAL PARK	-	-	-	-	0	0	0	0	0	-	-
GEORGEVILLE	-	-	-	-	1	0	0	0	0	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	-	-	-	-	10	0	0	0	0	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	-	-	-	-	0	0	0	0	0	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	-	-
LONDONDERRY	-	-	-	-	4	0	0	0	0	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	0	0	-	-
MONTAGUE	-	-	-	-	0	0	0	0	0	-	N/0
OAK BAY	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	-	-	-	-	0	0	0	0	0	-	-
WELLINGTON	-	-	-	-	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Operophtera bruceata (Hlst.) Bruce spanworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	62	0	35	35	23	187	142	34	65	8	26
BALMORAL	0	0	1	7	19	35	242	5	1	0	0
CANTERBURY	0	0	0	0	0	0	0	0	501	15	3
FREDERICTON	0	2	2	4	5	33	146	37	77	0	2
MAYFIELD	N/0	N/0	N/0	N/0	0	0	14	1	28	1	4
OAK BAY	3	14	20	11	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	19	25	46	94	72	44	674	402	599	13	34

Operophtera spp. Bruce spanworm and/or Winter moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
BIG INTERVALE	0	0	0	0	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	0	1	9	3	46	2	28	1	1
CHARLOTTETOWN	0	11	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	12	16	17	11	0	0	N/0
FUNDY NATIONAL PARK	8	13	7	5	12	182	554	70	36	1	2
GEORGEVILLE	0	11	4	19	4	0	22	0	14	16	1
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	1
KEJIMKUJIK NATIONAL PARK	0	0	17	0	0	35	34	2	0	0	0
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	51
LAWRENCETOWN	23	0	0	0	0	0	0	0	0	35	4
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	3	1	6	0	0
LONDONDERRY	15	17	10	4	16	111	151	57	79	22	21
MONTAGUE	4	11	8	17	5	38	51	12	21	28	N/0
WELLINGTON	0	0	3	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Orgyia leucostigma (J.E. Smith) Whitemarked tussock moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	40	11	1	1	5	1	6	2	0	14	5
BALMORAL	2	1	0	0	1	1	0	0	1	1	0
BIG INTERVALE	0	2	8	3	5	1	4	0	0	2	0
BREADALBANE	N/0	N/0	5	1	1	4	4	0	0	0	4
CANTERBURY	4	0	0	0	0	0	0	0	1	1	1
CHARLOTTETOWN	2	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	2	0	1	3	0	1	N/0
FREDERICTON	1	3	0	0	1	1	0	0	0	0	2
FUNDY NATIONAL PARK	155	16	2	0	1	5	2	0	2	5	7
GEORGEVILLE	3	2	4	1	0	0	0	1	0	1	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	1
KEJIMKUJIK NATIONAL PARK	62	40	3	0	0	4	2	38	2	8	29
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	3
LAWRENCETOWN	4	0	1	0	0	0	0	0	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	23	9	23	77	256
LONDONDERRY	897	8	0	1	0	0	0	0	0	0	1
MAYFIELD	N/0	N/0	N/0	N/0	7	9	2	2	0	2	7
MONTAGUE	5	4	1	0	1	0	0	0	0	1	N/0
OAK BAY	9	7	2	3	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	5	0	0	0	0	0	0	0	0	0	0
WELLINGTON	23	3	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Pachysphinx modesta (Harr.) Big poplar sphinx

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	70	48	44	49	16	62	–	–	–	–	–
BALMORAL	0	1	0	0	0	0	–	–	–	–	–
BIG INTERVALE	0	0	0	0	0	0	–	–	–	–	–
BREADALBANE	N/0	N/0	0	7	0	5	–	–	–	–	–
CANTERBURY	39	28	35	11	0	2	–	–	–	–	–
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	9	–	–	–	–	N/0
FREDERICTON	0	0	0	1	0	0	–	–	–	–	–
FUNDY NATIONAL PARK	0	1	0	0	0	0	–	–	–	–	–
GEORGEVILLE	0	3	1	10	15	14	–	–	–	–	–
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	–
KEJIMKUJIK NATIONAL PARK	35	9	1	4	0	3	–	–	–	–	–
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	–
LAWRENCETOWN	2	0	0	0	0	0	–	–	–	–	–
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	–	–	–	–	–
LONDONDERRY	27	28	1	6	0	24	–	–	–	–	–
MAYFIELD	N/0	N/0	N/0	N/0	0	5	–	–	–	–	N/0
MONTAGUE	0	2	3	0	0	1	–	–	–	–	–
OAK BAY	12	12	4	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	5	0	0	0	0	1	–	–	–	–	–
WELLINGTON	9	10	5	2	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Paleacrita vernata (Peck) Spring cankerworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	0	0	0	-	-	-	-	-	-	-
BALMORAL	0	0	0	0	-	-	-	-	-	-	-
BIG INTERVALE	0	0	0	0	-	-	-	-	-	-	-
BREADALBANE	N/0	N/0	0	0	-	-	-	-	-	-	-
CANTERBURY	0	0	0	0	-	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	-	-	-	-	-	-	N/0
FREDERICTON	5	0	0	0	-	-	-	-	-	-	-
FUNDY NATIONAL PARK	0	0	0	0	-	-	-	-	-	-	-
GEORGEVILLE	0	0	0	0	-	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	0	0	0	0	-	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	-	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	0	0	0	0	-	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	-	-	-	-	-	-	-
MONTAGUE	0	0	0	0	-	-	-	-	-	-	N/0
OAK BAY	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	1	0	0	0	-	-	-	-	-	-	-
WELLINGTON	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Petrova albicapitana (Busck) Northern pitch twig moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	0	0	0	1	3	0	0	0	0	0
BALMORAL	0	0	0	0	0	1	0	0	0	0	0
BIG INTERVALE	0	1	0	0	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	0	0	1	0	0	0	0	0	0
CANTERBURY	0	0	0	0	0	0	0	0	0	0	0
CHARLOTTETOWN	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	1	0	0	N/0
FREDERICTON	0	0	0	0	0	2	5	0	0	0	0
FUNDY NATIONAL PARK	0	0	0	0	0	0	0	0	0	0	0
GEORGEVILLE	0	0	0	0	0	0	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	0	1	0	0	1	26	25	0	0	0	0
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
LAWRENCETOWN	0	0	0	0	1	0	1	3	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	2	0	0	0	0
LONDONDERRY	0	2	0	0	0	1	0	0	0	0	0
MAYFIELD	N/0	N/0	N/0	N/0	0	1	0	0	0	0	0
MONTAGUE	0	3	0	0	0	1	1	0	0	0	N/0
OAK BAY	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	0	1	0	0	0	0
WELLINGTON	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Pheosia rimosa Pack. False hornworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	67	90	1	8	3	-	-	-	-	-	-
BALMORAL	0	0	0	0	0	-	-	-	-	-	-
BIG INTERVALE	2	3	1	1	3	-	-	-	-	-	-
BREADALBANE	N/0	N/0	2	11	0	-	-	-	-	-	-
CANTERBURY	29	8	8	0	0	-	-	-	-	-	-
CHARLOTTETOWN	1	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	4	-	-	-	-	-	N/0
FREDERICTON	1	0	0	0	0	-	-	-	-	-	-
FUNDY NATIONAL PARK	3	2	1	0	0	-	-	-	-	-	-
GEORGEVILLE	6	4	5	3	0	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	1	2	0	2	0	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	2	1	0	0	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	25	29	9	4	0	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	-	-	-	-	-	-
MONTAGUE	13	3	1	1	0	-	-	-	-	-	N/0
OAK BAY	9	12	4	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	19	2	0	1	0	-	-	-	-	-	-
WELLINGTON	10	13	2	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Prochoerodes transversata (Dru.) Large maple spanworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	7	13	0	0	-	-	-	-	-	-	-
BALMORAL	0	0	0	0	-	-	-	-	-	-	-
BIG INTERVALE	0	0	0	0	-	-	-	-	-	-	-
BREADALBANE	N/0	N/0	0	0	-	-	-	-	-	-	-
CANTERBURY	1	0	0	0	-	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	-	-	-	-	-	-	N/0
FREDERICTON	0	0	0	0	-	-	-	-	-	-	-
FUNDY NATIONAL PARK	19	1	0	2	-	-	-	-	-	-	-
GEORGEVILLE	2	0	0	0	-	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	5	87	0	83	-	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	-	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	7	8	0	10	-	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	-	-	-	-	-	-	-
MONTAGUE	0	1	0	0	-	-	-	-	-	-	N/0
OAK BAY	10	6	0	13	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	-	-	-	-	-	-	-
WELLINGTON	4	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Pseudosciaphila duplex (Wlshm.) Spotted aspen leafroller

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	105	379	0	31	47	92	104	395	0	35	5
BALMORAL	8	33	0	6	6	1	2	27	0	3	0
BIG INTERVALE	0	75	0	5	1	2	3	0	0	0	0
BREADALBANE	N/0	N/0	0	24	33	23	12	31	0	0	1
CANTERBURY	4	4	0	18	6	6	5	35	0	6	3
CHARLOTTETOWN	6	11	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	3	12	4	1	0	0	N/0
FREDERICTON	19	14	0	61	15	19	20	69	0	9	11
FUNDY NATIONAL PARK	0	3	0	34	10	9	5	7	0	0	2
GEORGEVILLE	7	1	0	1	1	1	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	0	1	0	0	2	15	64	5	0	0	7
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	15
LAWRENCETOWN	0	1	0	1	0	2	10	1	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	6	0	0	0
LONDONDERRY	3	5	0	5	10	11	4	2	0	0	2
MAYFIELD	N/0	N/0	N/0	N/0	25	21	17	5	0	0	1
MONTAGUE	9	20	0	10	3	12	4	6	0	3	N/0
OAK BAY	3	3	0	13	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	17	31	0	105	35	29	9	65	0	41	38
WELLINGTON	11	8	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Rhyacionia buoliana (D.& S.) European pine shoot moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	1	0	0	0	0	0	0	0	0	0
BALMORAL	0	0	0	0	0	0	0	0	0	0	0
BIG INTERVALE	0	0	0	0	0	0	0	0	0	0	0
BREADALBANE	N/0	N/0	0	0	0	0	0	0	0	0	11
CANTERBURY	0	0	0	0	0	0	0	0	0	0	0
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	0	N/0
FREDERICTON	0	0	0	1	0	0	0	0	0	0	0
FUNDY NATIONAL PARK	0	0	0	1	0	0	0	0	0	0	1
GEORGEVILLE	0	0	0	0	0	0	0	0	0	0	0
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	0
KEJIMKUJIK NATIONAL PARK	0	0	0	0	0	0	0	0	0	0	2
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	1
LAWRENCETOWN	0	0	0	0	0	0	0	0	0	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	0	0	0	0
LONDONDERRY	0	2	0	0	0	0	0	0	0	0	1
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	0	0	0	0
MONTAGUE	0	0	0	0	0	0	0	0	0	0	N/0
OAK BAY	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	1	1	0	0	0	0	0	0	0	0	0
WELLINGTON	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Smerinthus cerisyi Kby. Willow sphinx

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	1	37	97	0	0	-	-	-	-	-	-
BALMORAL	0	0	0	0	0	-	-	-	-	-	-
BIG INTERVALE	0	0	0	0	0	-	-	-	-	-	-
BREADALBANE	N/0	N/0	2	0	0	-	-	-	-	-	-
CANTERBURY	0	0	56	0	0	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	-	-	-	-	-	N/0
FREDERICTON	0	0	1	0	0	-	-	-	-	-	-
FUNDY NATIONAL PARK	1	0	2	0	0	-	-	-	-	-	-
GEORGEVILLE	0	0	0	0	0	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	2	0	0	0	0	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	0	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	2	0	6	0	0	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	-	-	-	-	-	-
MONTAGUE	0	0	6	0	0	-	-	-	-	-	N/0
OAK BAY	0	0	5	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	-	-	-	-	-	-
WELLINGTON	0	0	4	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Sparganothis acerivorana MacK. Maple leafroller

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	614	2576	10731	9648	2079	1317	2363	2827	1825	1102	29
BALMORAL	81	118	206	112	265	3	11	5	1	0	8
BIG INTERVALE	5	54	49	158	79	4	1	0	0	0	0
BREADALBANE	N/0	N/0	277	150	45	6	70	42	78	281	358
CANTERBURY	132	238	140	95	57	1	10	12	16	14	8
CHARLOTTETOWN	3	29	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	132	29	2	11	30	1	N/0
FREDERICTON	193	930	1850	1554	317	175	526	372	48	83	42
FUNDY NATIONAL PARK	203	103	221	103	9	2	19	20	16	7	1
GEORGEVILLE	0	2	10	11	2	2	0	0	1	0	2
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	17
KEJIMKUJIK NATIONAL PARK	5	83	93	59	13	1	17	5	0	1	1
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	85
LAWRENCETOWN	0	2	27	18	5	3	7	0	5	0	0
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	1	1	0	0	0
LONDONDERRY	18	85	25	31	15	7	12	5	9	5	21
MAYFIELD	N/0	N/0	N/0	N/0	79	11	90	13	31	63	12
MONTAGUE	0	0	51	83	46	46	13	23	29	93	N/0
OAK BAY	146	42	21	61	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	512	572	935	537	137	49	173	315	54	134	110
WELLINGTON	4	46	79	62	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Sparganothis reticulatana (Clem.) Needletier

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	33	19	0	1	-	-	-	-	-	-	-
BALMORAL	0	0	0	0	-	-	-	-	-	-	-
BIG INTERVALE	1	59	0	37	-	-	-	-	-	-	-
BREADALBANE	N/0	N/0	25	0	-	-	-	-	-	-	-
CANTERBURY	2	1	0	7	-	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	11	-	-	-	-	-	N/0
FREDERICTON	0	2	0	2	-	-	-	-	-	-	-
FUNDY NATIONAL PARK	24	0	0	0	-	-	-	-	-	-	-
GEORGEVILLE	6	6	0	0	-	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	60	43	1	27	-	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	2	-	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	36	35	0	0	-	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	-	-	-	-	-	-	-
MONTAGUE	19	7	0	0	-	-	-	-	-	-	N/0
OAK BAY	18	5	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	59	3	0	0	-	-	-	-	-	-	-
WELLINGTON	6	1	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Spilosoma virginica (F.) Yellow woollybear

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	93	52	0	22	0	0	-	-	-	-	-
BALMORAL	42	13	0	0	0	0	-	-	-	-	-
BIG INTERVALE	92	39	0	6	7	0	-	-	-	-	-
BREADALBANE	N/0	N/0	0	116	0	0	-	-	-	-	-
CANTERBURY	30	13	2	1	0	0	-	-	-	-	-
CHARLOTTETOWN	4	6	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	18	0	-	-	-	-	N/0
FREDERICTON	2	1	0	2	0	0	-	-	-	-	-
FUNDY NATIONAL PARK	49	5	0	7	0	0	-	-	-	-	-
GEORGEVILLE	76	12	0	97	2	0	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	250	23	78	56	0	0	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	143	3	0	3	0	0	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	465	39	0	19	0	0	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	0	-	-	-	-	-
MONTAGUE	32	3	1	4	0	0	-	-	-	-	N/0
OAK BAY	21	7	1	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	32	8	0	0	0	0	-	-	-	-	-
WELLINGTON	46	16	2	18	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Symmerista spp. Orangehumped mapleworm and/or Redhumped oakworm

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	0	0	0	0	0	0	0	0	1	-
BALMORAL	0	0	0	0	0	0	0	0	0	0	-
BIG INTERVALE	0	0	0	0	0	0	0	0	0	0	-
BREADALBANE	N/0	N/0	0	0	0	0	0	3	0	2	-
CANTERBURY	0	0	0	0	0	0	0	0	0	1	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	0	0	0	0	0	N/0
FREDERICTON	0	0	0	0	0	0	0	1	0	0	-
FUNDY NATIONAL PARK	0	0	0	0	0	0	0	0	0	0	-
GEORGEVILLE	0	0	0	0	0	0	0	1	0	0	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	0	64	0	183	0	0	0	9	2	12	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	1	0	0	0	0	0	0	0	0	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	0	3	0	3	-
LONDONDERRY	0	0	0	0	0	0	0	1	1	19	-
MAYFIELD	N/0	N/0	N/0	N/0	0	0	0	0	0	0	-
MONTAGUE	0	0	0	0	0	0	0	1	0	1	N/0
OAK BAY	0	1	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	0	0	0	0	0	-
WELLINGTON	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Thera juniperata (L.) Juniper looper

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	0	0	0	-	-	-	-	-	-	-
BALMORAL	0	0	0	0	-	-	-	-	-	-	-
BIG INTERVALE	0	0	0	0	-	-	-	-	-	-	-
BREADALBANE	N/0	N/0	0	0	-	-	-	-	-	-	-
CANTERBURY	0	0	0	0	-	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	-	-	-	-	-	-	N/0
FREDERICTON	7	3	0	0	-	-	-	-	-	-	-
FUNDY NATIONAL PARK	0	0	0	0	-	-	-	-	-	-	-
GEORGEVILLE	0	0	0	0	-	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	0	0	0	0	-	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	-	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	0	1	0	0	-	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	-	-	-	-	-	-	-
MONTAGUE	1	0	0	0	-	-	-	-	-	-	N/0
OAK BAY	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	-	-	-	-	-	-	-
WELLINGTON	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Tolype laricis (Fitch) Larch lappet moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	1	2	0	0	0	-	-	-	-	-	-
BALMORAL	0	0	0	0	0	-	-	-	-	-	-
BIG INTERVALE	48	39	13	27	4	-	-	-	-	-	-
BREADALBANE	N/0	N/0	10	14	15	-	-	-	-	-	-
CANTERBURY	5	0	0	0	0	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	2	-	-	-	-	-	N/0
FREDERICTON	0	0	0	0	0	-	-	-	-	-	-
FUNDY NATIONAL PARK	1	1	0	0	0	-	-	-	-	-	-
GEORGEVILLE	10	5	5	9	2	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	20	13	12	8	0	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	2	1	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	31	4	5	3	1	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	0	-	-	-	-	-	-
MONTAGUE	2	3	0	0	0	-	-	-	-	-	N/0
OAK BAY	0	0	0	3	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	4	2	0	0	1	-	-	-	-	-	-
WELLINGTON	4	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0

Tolype velleda (Stoll) Velleda lappet moth

LOCATION	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
ASHTON HILL	0	0	0	0	0	-	-	-	-	-	-
BALMORAL	0	0	0	0	0	-	-	-	-	-	-
BIG INTERVALE	0	0	0	0	0	-	-	-	-	-	-
BREADALBANE	N/0	N/0	0	0	0	-	-	-	-	-	-
CANTERBURY	0	0	0	0	0	-	-	-	-	-	-
CHARLOTTETOWN	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
COLEMAN	N/0	N/0	N/0	N/0	0	-	-	-	-	-	N/0
FREDERICTON	0	0	0	0	0	-	-	-	-	-	-
FUNDY NATIONAL PARK	0	0	0	0	0	-	-	-	-	-	-
GEORGEVILLE	0	0	0	0	0	-	-	-	-	-	-
HOWLAN	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
KEJIMKUJIK NATIONAL PARK	1	0	0	5	1	-	-	-	-	-	-
KILMUIR	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	N/0	-
LAWRENCETOWN	0	0	0	0	0	-	-	-	-	-	-
LIVERPOOL	N/0	N/0	N/0	N/0	N/0	N/0	-	-	-	-	-
LONDONDERRY	0	0	0	0	0	-	-	-	-	-	-
MAYFIELD	N/0	N/0	N/0	N/0	1	-	-	-	-	-	-
MONTAGUE	0	0	0	0	0	-	-	-	-	-	N/0
OAK BAY	0	0	0	0	N/0	N/0	N/0	N/0	N/0	N/0	N/0
PLASTER ROCK	0	0	0	0	0	-	-	-	-	-	-
WELLINGTON	0	0	0	1	N/0	N/0	N/0	N/0	N/0	N/0	N/0